

FIG. 2A

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
<u>Group</u>		<u>S/P</u>	<u>Unit</u>	<u>ALUopcode</u>		<u>CC</u>		<u>Rx</u>		<u>Ry</u>		<u>Rxe</u>		<u>0</u>		<u>0</u>		<u>0</u>		<u>0</u>		<u>0</u>		<u>0</u>		<u>0</u>		<u>0</u>		<u>0</u>	

FIG. 2B

<u>CC</u>		<u>Description</u>		<u>C-N-V-Z Setting</u>	
<u>Z(E0)</u>		Zero or Equal		Z=1	
<u>NZ(NE)</u>		Not Zero or Not Equal		Z=0	
<u>HI</u>		Higher (unsigned)		(C=1)&&(Z=0)	
<u>HS(CS)</u>		Higher or Same (unsigned, or Carry Set)		C=1	
<u>LO(CC)</u>		Lower (unsigned, or Carry Clear)		C=0	
<u>LS</u>		Lower or Same (unsigned)		(C=0) (Z=1)	
<u>VS</u>		Overflow Set		V=1	
<u>VC</u>		Overflow Clear		V=0	
<u>POS</u>		Positive		(N=0)&&(Z=0)	
<u>NEG</u>		Negative		N=1	
<u>GE</u>		Greater-than or Equal (signed)		N=V	
<u>GT</u>		Greater-Than (signed)		(Z=0)&&(N=V)	
<u>LE</u>		Less-than or Equal (signed)		(Z=1) (N!=V)	
<u>LT</u>		Less-Than (signed)		N!=V	

FIG. 3A

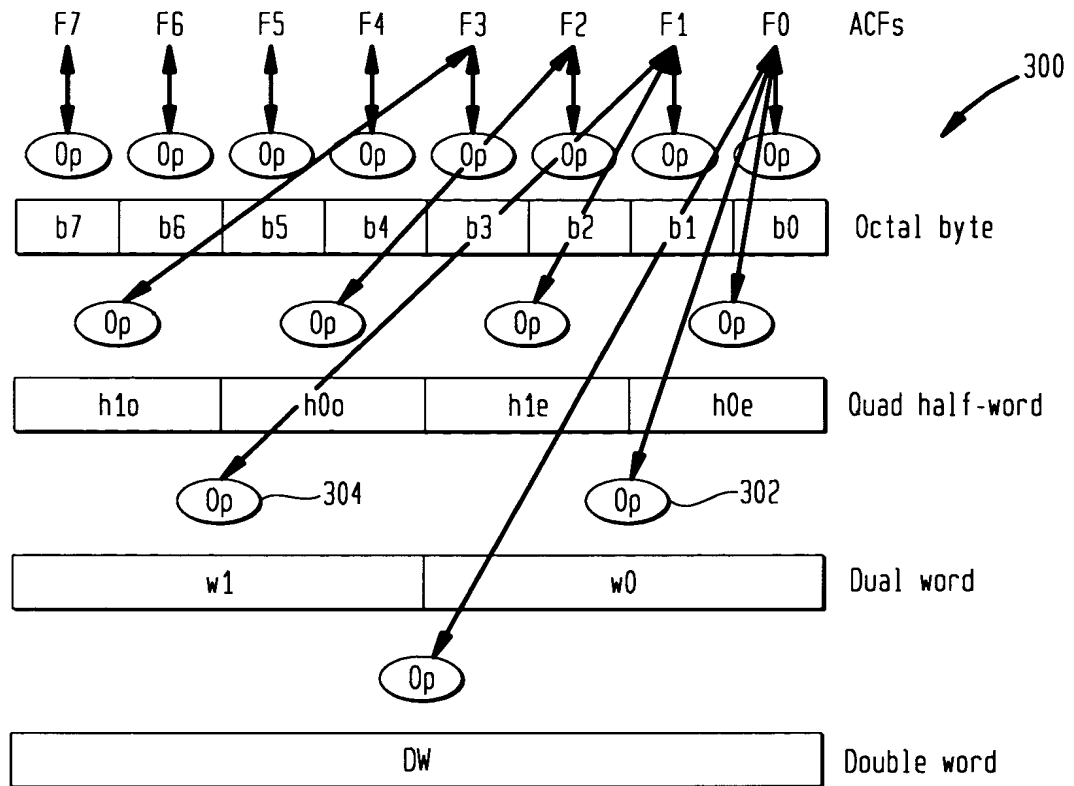


FIG. 3B

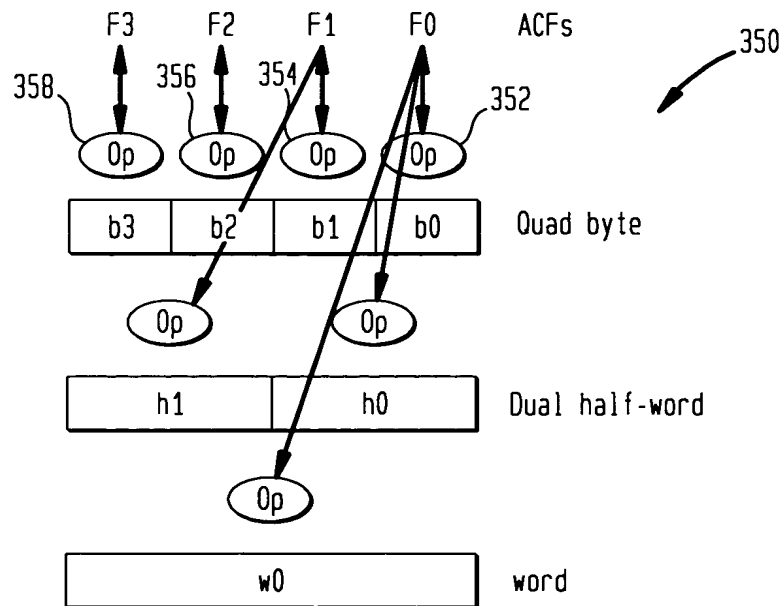


FIG. 4A

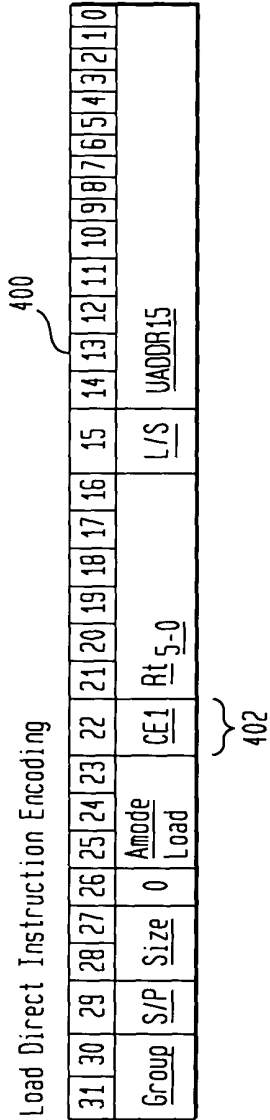


FIG. 4B

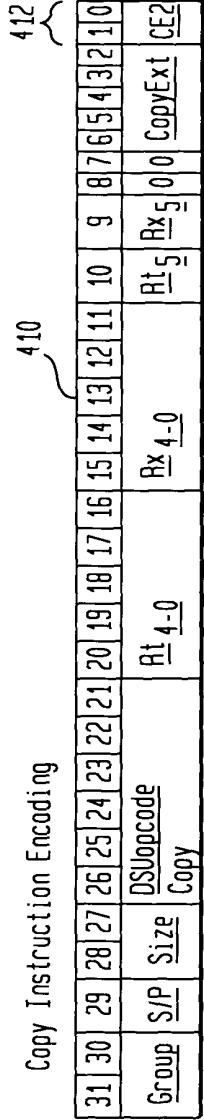


FIG. 4C

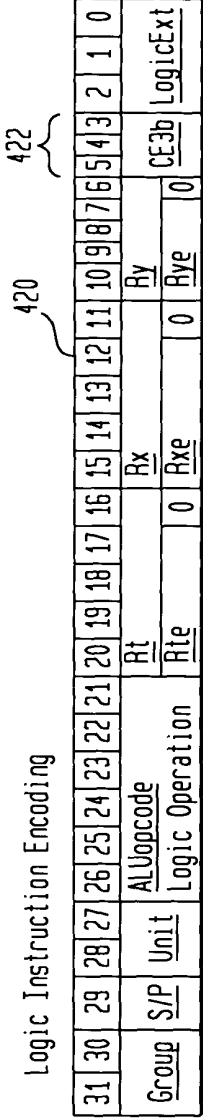
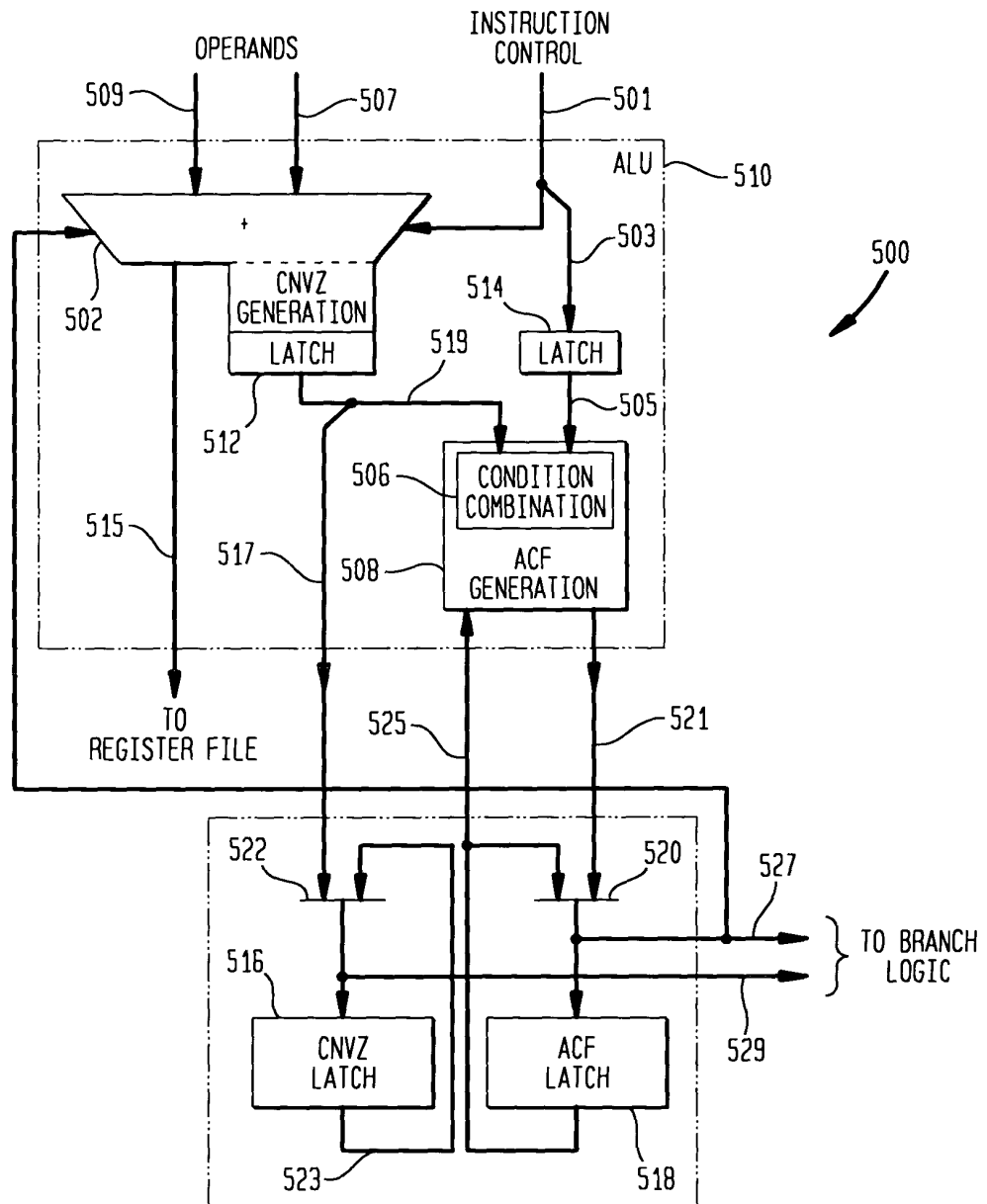


FIG. 5A



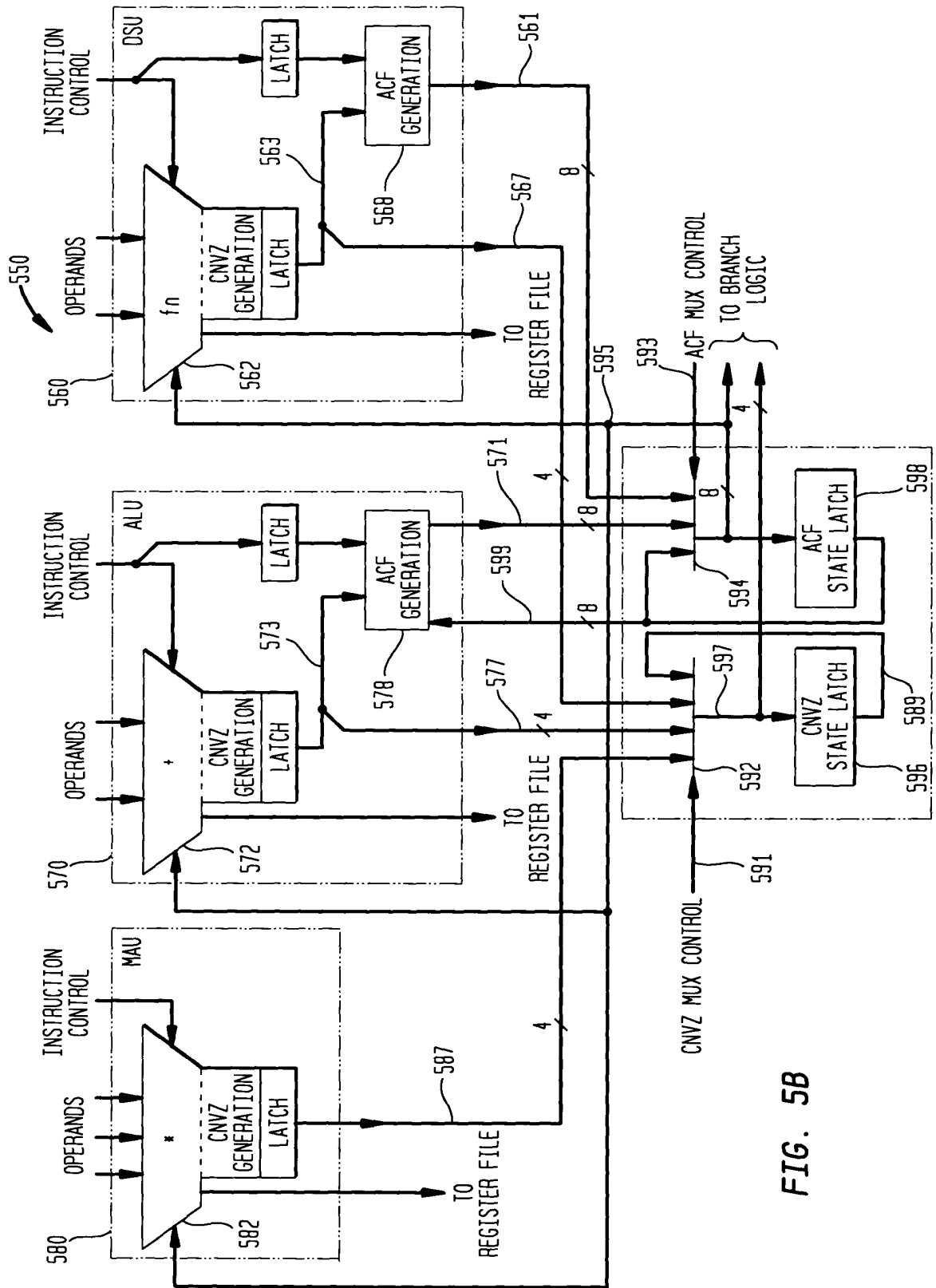


FIG. 5B